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## INFORMATION DISCLOSURE CITATION

(Use 99 serial sheets if necessary)

ATTY. DOCKET NO.

21:29:4002-441

SERIAL NO.

08/603,676

APPLICANT

James E. Van Hoeck, et al.

FILING DATE

February 20, 1996

GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
01	4,620,327	Nov. 4, 1986	Caplan et al.			
	4,623,553	Nov. 18, 1986	Ries et al.			
	5,147,402	Sep. 15, 1992	Bohler et al.			
	5,306,309	April 26, 1994	Wagner et al.			
	5,425,772	June 20, 1995	Brantigan			
	5,514,180	May 7, 1996	Heggeness et al.			
01	5,522,899	June 4, 1996	Michelson			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
01	EP 0 599 419 A2	June 1, 1994	Europe				

EXAMINER

Darr Hobell

DATE CONSIDERED

5/17/97

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE CITATION (Draw line through several sheets if necessary)	ATTY. DOCKET No. 4002-441/95:13	SERIAL NO. 08/603,676
	APPLICANT James Van Hoeck	
	FILING DATE February 20, 1996	GROUP ART UNIT 3308

U.S. PATENT DOCUMENTS

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
D	3,848,601	11/19/74	Ma et al	128	305	
	4,309,777	01/12/82	Patil	3	1.91	
	4,349,921	09/21/82	Kuntz	128	92	
	4,501,269	02/26/85	Bagby	128	92	
	4,526,909	07/02/85	Urist	523	115	
	4,596,574	06/24/86	Urist	623	16	
	4,599,086	07/08/86	Doty	623	17	
	4,714,469	12/22/87	Kenna	623	17	
	4,743,256	05/10/88	Brantigan	623	17	
	4,759,766	07/26/88	Buettner-Janx et al.	623	17	
Y	4,772,287	09/20/88	Ray et al	623	17	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						Yes	No
01	0 179 695	Q4/30/86	Europe				
	WO 90/00037	01/11/90	PCT				
01	WO 92/14423	09/03/92	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


121		The Anterior Approach for Removal of Ruptured Cervical Disks, Ralph B. Cloward, M.D., Honolulu Hawaii. Presented at the meeting of the Harvey Cushing Society, Wasington, D.C. 4/22/58
11		The Treatment of Certain Cervical-Spine Disorders by Anterior Removal of the Intervertebral Disc and Interbody Fusion, George W. Smith, M.D. Robert A. Robinson, M.D., The Journal of Bone and Joint Surgery Vol. 40-3, No. 3, June 1958.
Y		
EXAMINER	David J. Isabella Primary Examiner	DATE CONSIDERED 5/98

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		APPLICANT James Van Hoeck	
		FILING DATE Febr. 20, 1996	GROUP ART UNIT 3308

U.S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

01		Proceedings, 10th Annual Conf. North American Spine Society, Oct. 18-21, 1995, Washington, D.C., pages 10-11.
21		American Academy of Orthopaedic Surgeons 1996 Annual Meeting - Scientific Papers, discussion of papers 73, 74, and 75. Mark D. Brown, M.D., Miami Florida
31		Replacement of the Lumbar Vertebrae of Sheep w/Ceramic Prosthesis Takao Yamamuro, The Jour. of Bone & Joint surgery, Vol. 72-B, No 5, Sept. 1990
01		
EXAMINER	David J. Isabella Primary Examiner	DATE CONSIDERED 5/98

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OTHER DOCUMENTS (including X-rays)		
D1		Healing Segmental Femoral Defects in Sheep Using Recombinant Human Bone Morphogenetic Protein, Robin M. Gethart, M.D., et al., Clinical Orthopaedics and Related Research, Number 293, pages 317-326.
D1		Preliminary Program from Forty-Second Annual Meeting of the Orthopaedic Research Society, Hyatt Regency, Atlanta, Georgia February 18-22, 1996.
EXAMINER	David J. Isabella Primary Examiner	DATE CONSIDERED 5/98

Patent and Trademark Office  
U S Department of Commerce



Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				Complete if Known	
				Application Number	10/775,546
				Filing Date	February 10, 2004
				First Named Inventor	James E. VAN HOECK
				Group Art Unit	3738
				Examiner Name	Isabella, David J.
Sheet	1	of	1	Attorney Docket No.	4002-3480

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US 5-015-247	05-14-1991	Michelson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> -Number <sup>5</sup> -Kind Code <sup>6</sup> (if known)				
		WO 89/09035	10-05-1989	Brantigan		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	T <sup>3</sup>

Examiner Signature		Date Considered	5/25/04
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\*Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.